

THALLIUM STATISTICS
By Carl A. DiFrancesco and Gerald R. Smith
[All values in metric tons (t) unless otherwise noted]

Year	Production	Imports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1942				22,000	221,000	
1943				22,000	208,000	
1944				24,300	225,000	
1945				27,600	251,000	
1946				30,900	257,000	
1947				39,700	290,000	
1948				33,100	223,000	
1949				30,900	211,000	
1950				27,600	186,000	
1951				27,600	173,000	
1952				27,600	169,000	
1953				27,600	168,000	
1954				27,600	167,000	
1955				27,600	168,000	
1956				27,600	165,000	
1957				27,600	159,000	
1958				16,500	93,400	
1959				16,500	92,400	
1960				16,500	90,800	
1961				16,500	89,900	
1962				16,500	88,900	
1963				16,500	88,000	
1964		4.06		16,500	87,000	
1965		2.74		16,500	85,200	
1966		1.20		16,500	83,100	
1967		0.85		16,500	80,700	
1968		0.81		16,500	77,600	
1969		2.28	2.50	16,500	73,520	
1970		1.31	2.80	16,500	69,410	
1971		0.97	1.80	16,500	66,560	
1972		1.00	1.10	16,500	64,440	
1973	0.907	0.86	0.64	16,500	60,660	
1974	0.907	0.61	0.82	16,500	54,660	
1975	0.907	0.56	0.82	16,500	50,090	
1976	0.907	0.32	0.84	16,500	47,350	
1977	0.907	0.08	0.91	16,500	44,480	
1978	0.454	0.22	0.68	16,500	41,320	
1979	0.454	0.34	0.82	16,500	37,140	
1980	0.454	0.07	1.90	16,500	32,720	13
1981	0.454	0.34	1.10	88,200	158,100	13
1982	0.454	1.15	1.10	88,200	148,900	13
1983	0.454	1.27	1.30	88,200	144,300	13
1984		1.15	1.10	77,200	121,100	14
1985		1.04	1.00	88,200	133,700	15
1986		1.15	1.10	88,200	131,100	15
1987		1.34	1.40	132,000	189,800	15
1988		0.71	0.91	176,000	243,100	16
1989		1.17	0.95	551,000	724,800	16
1990		0.45	0.70	584,000	728,800	15
1991		1.01	0.85	617,000	738,700	15
1992		0.84	0.80	750,000	870,900	15
1993		0.27	0.30	794,000	895,700	15

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Year	Production	Imports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1994		0.63	0.63	948,000	1,043,000	15
1995		1.18	0.70	1,100,000	1,179,000	15
1996		0.17	0.30	1,200,000	1,249,000	15
1997		0.17	0.30	1,280,000	1,299,000	15
1998		0.10	0.10	1,280,000	1,280,000	15

Thallium Worksheet Notes

Data Sources

The sources of data for the thallium worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Mineral Facts and Problems (MFP) and Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS), and Metal Prices in the United States through 1998 (MP98). The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheet indicate that data either were not available or were being withheld because they are proprietary.

Production

Production data report thallium production in the United States. Data were from the MFP. Blank cells in the worksheet for the years 1964–72 and 1984–85 indicate that data were being withheld because they were proprietary. Blank cells for 1942–63 and 1986–98 indicate that data were not available.

Imports

Import data report the amount of thallium imported into the United States. Data were from the MFP for the years 1964–83 and the MCS for the years 1984–98. Blank cells in the worksheet indicate that data were not available for the years 1942–63.

Apparent Consumption

Consumption reported in the CDS and MCS were used for apparent consumption for the years 1969–98, due to the number of W's and blanks in the production field. Blank cells in the worksheet indicate that data were not available for the years 1942–68.

Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) of thallium apparent consumption. Unit value was estimated in actual dollars for 1942–98 from a price series for domestic thallium from MP98.

Unit Value (98\$/t)

Dividing the Consumer Price Index conversion factor with 1998 as the base year into the “Unit Value,” determined previously, results in unit value in constant 1998 U.S. dollars.

World Production

World production data were for thallium produced. Data were from the MCS. Blank cells in the worksheet indicate that data were not available for the years 1942–79.

References

U.S. Bureau of Mines, 1974–77, Commodity Data Summaries, 1974–77.
———1976, Mineral Facts and Problems, 1975 ed., U.S. Bureau of Mines Bulletin 667.
———1978–95, Mineral Commodity Summaries, 1978–95.
———1980, Mineral Facts and Problems, 1980 ed.: U.S. Bureau of Mines Bulletin 671.
———1985, Mineral Facts and Problems, 1985 ed.: U.S. Bureau of Mines Bulletin 675.
U.S. Geological Survey, 1997–2000, Mineral Commodity Summaries, 1997–2000.
———1999, Metal Prices in the United States through 1998.
U.S. Geological Survey and U.S. Bureau of Mines, 1996, Mineral Commodity Summaries, 1996.

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